



## Author index

### Volume 294 (2000)

- Agatsuma, Y., see Hiratsuka, M. 294, 193  
Alempijević, T., see Nikolić, J.A. 294, 169  
Azuma, Y., Murata, M., Matsumoto, K., Alteration of sugar chains on  $\alpha_1$ -acid glycoprotein secreted following cytokine stimulation of HuH-7 cells in vitro 294, 93  
Azzazy, H.M.E., see Beuerle, J.R. 294, 115  
  
Bard, J.-M., see Feillet, F. 294, 45  
Beuerle, J.R., Azzazy, H.M.E., Styba, G., Duh, S.-H., Christenson, R.H., Characteristics of myoglobin, carbonic anhydrase III and the myoglobin/carbonic anhydrase III ratio in trauma, exercise, and myocardial infarction patients 294, 115  
Božić, M., see Nikolić, J.A. 294, 169  
Bulajić, M., see Nikolić, J.A. 294, 169  
  
Chou, F.-P., see Kuo, W.-H. 294, 157  
Christenson, R.H., see Beuerle, J.R. 294, 115  
Chu, S.-C., see Kuo, W.-H. 294, 157  
  
Davies, T., see Iqbal, S.J. 294, 57  
De La Calle, M., see Fernández-Miranda, C. 294, 37  
de Salamanca, R.E., see Fernández-Miranda, C. 294, 37  
Duh, S.-H., see Beuerle, J.R. 294, 115  
  
Esaki, T., see Kashiwabara, K. 294, 105  
  
Favre, E., see Feillet, F. 294, 45  
Feillet, F., Feillet-Coudray, C., Bard, J.-M., Parra, H.-J., Favre, E., Kabuth, B., Fruchart, J.-C., Vidailhet, M., Plasma cholesterol and endogenous cholesterol synthesis during refeeding in anorexia nervosa 294, 45  
  
Feillet-Coudray, C., see Feillet, F. 294, 45  
Fernández-Miranda, C., De La Calle, M., Larumbe, S., Gómez-Izquierdo, T., Porres, A., Gómez-Gerique, J., de Salamanca, R.E., Lipoprotein abnormalities in patients with asymptomatic acute porphyria 294, 37  
Fruchart, J.-C., see Feillet, F. 294, 45  
  
Gómez-Gerique, J., see Fernández-Miranda, C. 294, 37  
Gómez-Izquierdo, T., see Fernández-Miranda, C. 294, 37  
  
Hiar, A.M., see Newman, D.J. 294, 139  
Hino, M., see Kumura, T. 294, 27  
Hiratsuka, M., Hishinuma, T., Agatsuma, Y., Inoue, T., Omori, F., Kishikawa, Y., Mizugaki, M., Simplified and rapid assay for detecting the 3'A mutation of the SDF-1 gene 294, 193  
Hishinuma, T., see Hiratsuka, M. 294, 193  
Holland, S., see Iqbal, S.J. 294, 57  
Hsieh, Y.-S., see Kuo, W.-H. 294, 157  
  
Inoue, T., see Hiratsuka, M. 294, 193  
Inoue, T., see Takahashi, M. 294, 67  
Iqbal, S.J., Whitaker, P., Holland, S., Madira, W., Davies, T., Comparison of serum catalytic activity and immunoreactivity of bone alkaline phosphatase in hypophosphatasia 294, 57  
  
Jagetia, G.C., R., A., Nayak, B.S., Alteration in the radiation-induced LD release in HeLa cells by acyclovir 294, 129  
  
Kabuth, B., see Feillet, F. 294, 45  
Karppanen, H., see Saris, N.-E.L. 294, 1  
Kashiwabara, K., Nakamura, H., Esaki, T., Prog-

- nosis in bronchogenic squamous cell carcinoma groups divided according to serum squamous cell carcinoma-related antigen and cytokeratin 19 fragment levels **294**, 105
- Kharb, S., Low whole blood glutathione levels in pregnancies complicated by preeclampsia and diabetes **294**, 179
- Khawaja, J.A., see Saris, N.-E.L. **294**, 1
- Kishikawa, Y., see Hiratsuka, M. **294**, 193
- Kumura, T., Hino, M., Yamane, T., Tominaga, K., Tatsumi, N., DX-9065a, a specific factor Xa inhibitor, as a universal anticoagulant for blood collection tubes **294**, 27
- Kuo, W.-H., Chou, F.-P., Lu, S.-C., Chu, S.-C., Hsieh, Y.-S., Significant differences in serum activities of matrix metalloproteinase-2 and -9 between HCV- and HBV-infected patients and carriers **294**, 157
- Kushida, K., see Takahashi, M. **294**, 67
- Larumbe, S., see Fernández-Miranda, C. **294**, 37
- Lewenstam, A., see Saris, N.-E.L. **294**, 1
- Lott, J.A., see Newman, D.J. **294**, 139
- Lu, S.-C., see Kuo, W.-H. **294**, 157
- Madira, W., see Iqbal, S.J. **294**, 57
- Masnikosa, R., see Nikolić, J.A. **294**, 169
- Matsumoto, K., see Azuma, Y. **294**, 93
- Mervaala, E., see Saris, N.-E.L. **294**, 1
- Mizugaki, M., see Hiratsuka, M. **294**, 193
- Moriwaki, Y., see Shibutani, Y. **294**, 185
- Murata, M., see Azuma, Y. **294**, 93
- Nagano, A., see Takahashi, M. **294**, 67
- Nakamura, H., see Kashiwabara, K. **294**, 105
- Nauck, M., Rifai, N., Analytical performance and clinical efficacy of three routine procedures for LDL cholesterol measurement compared with the ultracentrifugation-dextran sulfate-Mg<sup>2+</sup> method **294**, 77
- Nayak, B.S., see Jagetia, G.C. **294**, 129
- Nedić, O., see Nikolić, J.A. **294**, 169
- Newman, D.J., Pugia, M.J., Lott, J.A., Wallace, J.F., Hiar, A.M., Urinary protein and albumin excretion corrected by creatinine and specific gravity **294**, 139
- Nikolić, J.A., Todorović, V., Božić, M., Tošić, L., Bulajić, M., Alempijević, T., Nedić, O., Masnikosa, R., Serum insulin-like growth factor (IGF)-II is more closely associated with liver dysfunction than is IGF-I in patients with cirrhosis **294**, 169
- Omori, F., see Hiratsuka, M. **294**, 193
- Parra, H.-J., see Feillet, F. **294**, 45
- Porres, A., see Fernández-Miranda, C. **294**, 37
- Pugia, M.J., see Newman, D.J. **294**, 139
- R., A., see Jagetia, G.C. **294**, 129
- Rifai, N., see Nauck, M. **294**, 77
- Saris, N.-E.L., Mervaala, E., Karppanen, H., Khawaja, J.A., Lewenstam, A., Magnesium. An update on physiological, clinical and analytical aspects **294**, 1
- Shibutani, Y., Ueo, T., Takahashi, S., Moriwaki, Y., Yamamoto, T., Effect of ACTH on renal excretion of purine bases in a patient with isolated ACTH deficiency **294**, 185
- Simón, R., see Sorell, L. **294**, 199
- Sorell, L., Simón, R., Triglyceride and Lp(a) concentrations in hyperapobetalipoproteinemia **294**, 199
- Styba, G., see Beuerle, J.R. **294**, 115
- Takahashi, M., Kushida, K., Nagano, A., Inoue, T., Comparison of the analytical and clinical performance characteristics of an N-MID versus an intact osteocalcin immunoradiometric assay **294**, 67
- Takahashi, S., see Shibutani, Y. **294**, 185
- Tatsumi, N., see Kumura, T. **294**, 27
- Todorović, V., see Nikolić, J.A. **294**, 169
- Tominaga, K., see Kumura, T. **294**, 27
- Tošić, L., see Nikolić, J.A. **294**, 169
- Ueo, T., see Shibutani, Y. **294**, 185
- Vidailhet, M., see Feillet, F. **294**, 45
- Wallace, J.F., see Newman, D.J. **294**, 139
- Whitaker, P., see Iqbal, S.J. **294**, 57
- Yamamoto, T., see Shibutani, Y. **294**, 185
- Yamane, T., see Kumura, T. **294**, 27

## Subject index

### Volume 294 (2000)

- $\alpha_1$ -acid glycoprotein**; Inflammation; Sugar chain; sLe<sup>x</sup> **294**, 93
- ACTH loading test**; Purine bases; Uric acid; Hypoxanthine; Xanthine; Isolated ACTH deficiency **294**, 185
- Acute porphyria**; Lipoproteins; LDL-cholesterol; HDL-cholesterol; Hepatic lipase; Statins **294**, 37
- Acyclovir**; HeLa cells; Radiation; Lactate dehydrogenase **294**, 129
- Albuminuria**; Effects of exercise; Microalbuminuria; Proteinuria; Renal failure; Specific gravity; Test variation **294**, 139
- Alkaline phosphatase**; Hypophosphatasia; Catalytic alkaline phosphatase; Immuno-reactive alkaline phosphatase **294**, 57
- AMI**; CA III; Myoglobin; Exercise; Trauma **294**, 115
- Anorexia nervosa**; Malnutrition; Refeeding; Lipids; Cholesterol synthesis; Lathosterol **294**, 45
- Anticoagulant**; DX-9065a; Ethylenediamine tetraacetic acid (EDTA); Hematology tests; Chemistry tests **294**, 27
- Bone formation**; Osteocalcin; Bone marker; Vertebral fracture; Hip fracture **294**, 67
- Bone marker**; Osteocalcin; Bone formation; Vertebral fracture; Hip fracture **294**, 67
- CA III**; Myoglobin; AMI; Exercise; Trauma **294**, 115
- Calcium**; Cardiovascular diseases; Cytosolic magnesium; Diabetes; Dietary deficiency; Eclampsia; Fluorescent probes; Hypertension; Ion-selective electrodes; Ionized magnesium; Ischemia; Magnesium; Polyamines **294**, 1
- Carcinoembryonic antigen**; Lymph node metastasis; Distant metastasis; Indication for surgery; Two-year survival rates **294**, 105
- Cardiovascular diseases**; Calcium; Cytosolic magnesium; Diabetes; Dietary deficiency; Eclampsia; Fluorescent probes; Hypertension; Ion-selective electrodes; Ionized magnesium; Ischemia; Magnesium; Polyamines **294**, 1
- Catalytic alkaline phosphatase**; Hypophosphatasia; Alkaline phosphatase; Immuno-reactive alkaline phosphatase **294**, 57
- Chemistry tests**; DX-9065a; Anticoagulant; Ethylenediamine tetraacetic acid (EDTA); Hematology tests **294**, 27
- Cholesterol synthesis**; Anorexia nervosa; Malnutrition; Refeeding; Lipids; Lathosterol **294**, 45
- Cytosolic magnesium**; Calcium; Cardiovascular diseases; Diabetes; Dietary deficiency; Eclampsia; Fluorescent probes; Hypertension; Ion-selective electrodes; Ionized magnesium; Ischemia; Magnesium; Polyamines **294**, 1



- Diabetes;** Calcium; Cardiovascular diseases; Cytosolic magnesium; Dietary deficiency; Eclampsia; Fluorescent probes; Hypertension; Ion-selective electrodes; Ionized magnesium; Ischemia; Magnesium; Polyamines 294, 1
- Diabetes;** Glutathione; Preeclampsia 294, 179
- Dietary deficiency;** Calcium; Cardiovascular diseases; Cytosolic magnesium; Diabetes; Eclampsia; Fluorescent probes; Hypertension; Ion-selective electrodes; Ionized magnesium; Ischemia; Magnesium; Polyamines 294, 1
- Distant metastasis;** Lymph node metastasis; Indication for surgery; Two-year survival rates; Carcinoembryonic antigen 294, 105
- DX-9065a;** Anticoagulant; Ethylenediamine tetraacetic acid (EDTA); Hematology tests; Chemistry tests 294, 27
- Eclampsia;** Calcium; Cardiovascular diseases; Cytosolic magnesium; Diabetes; Dietary deficiency; Fluorescent probes; Hypertension; Ion-selective electrodes; Ionized magnesium; Ischemia; Magnesium; Polyamines 294, 1
- Effects of exercise;** Albuminuria; Microalbuminuria; Proteinuria; Renal failure; Specific gravity; Test variation 294, 139
- Ethylenediamine tetraacetic acid (EDTA);** DX-9065a; Anticoagulant; Hematology tests; Chemistry tests 294, 27
- Exercise;** CA III; Myoglobin; AMI; Trauma 294, 115
- Fluorescent probes;** Calcium; Cardiovascular diseases; Cytosolic magnesium; Diabetes; Dietary deficiency; Eclampsia; Hypertension; Ion-selective electrodes; Ionized magnesium; Ischemia; Magnesium; Polyamines 294, 1
- Glutathione;** Diabetes; Preeclampsia 294, 179
- HBV;** HCV; MMP-2; MMP-9 294, 157
- HCV;** HBV; MMP-2; MMP-9 294, 157
- HDL-cholesterol;** Acute porphyria; Lipoproteins; LDL-cholesterol; Hepatic lipase; Statins 294, 37
- HeLa cells;** Acyclovir; Radiation; Lactate dehydrogenase 294, 129
- Hematology tests;** DX-9065a; Anticoagulant; Ethylenediamine tetraacetic acid (EDTA); Chemistry tests 294, 27
- Hepatic lipase;** Acute porphyria; Lipoproteins; LDL-cholesterol; HDL-cholesterol; Statins 294, 37
- High density lipoprotein;** Low density lipoprotein cholesterol; Lipoprotein cholesterol 294, 77
- Hip fracture;** Osteocalcin; Bone marker; Bone formation; Vertebral fracture 294, 67
- Human serum;** IGF-I, IGF-II; Radioimmunoassay; Liver cirrhosis 294, 169
- Hyperapobetalipoproteinemia;** Triglycerides; Lp(a) 294, 199
- Hypertension;** Calcium; Cardiovascular diseases; Cytosolic magnesium; Diabetes; Dietary deficiency; Eclampsia; Fluorescent probes; Ion-selective electrodes; Ionized magnesium; Ischemia; Magnesium; Polyamines 294, 1
- Hypophosphatasia;** Alkaline phosphatase; Catalytic alkaline phosphatase; Immuno-reactive alkaline phosphatase 294, 57
- Hypoxanthine;** Purine bases; Uric acid; Xanthine; Isolated ACTH deficiency; ACTH loading test 294, 185
- IGF-I, IGF-II;** Human serum; Radioimmunoassay; Liver cirrhosis 294, 169
- Immuno-reactive alkaline phosphatase;** Hypophosphatasia; Alkaline phosphatase; Catalytic alkaline phosphatase 294, 57
- Indication for surgery;** Lymph node metastasis; Distant metastasis; Two-year survival rates; Carcinoembryonic antigen 294, 105
- Inflammation;**  $\alpha_1$ -acid glycoprotein; Sugar chain; sLe<sup>x</sup> 294, 93
- Ion-selective electrodes;** Calcium; Cardiovascular diseases; Cytosolic magnesium; Diabetes; Dietary deficiency; Eclampsia; Fluorescent probes; Hypertension; Ionized magnesium; Ischemia; Magnesium; Polyamines 294, 1
- Ionized magnesium;** Calcium; Cardiovascular diseases; Cytosolic magnesium; Diabetes; Dietary

- deficiency; Eclampsia; Fluorescent probes; Hypertension; Ion-selective electrodes; Ischemia; Magnesium; Polyamines **294, 1**
- Ischemia**; Calcium; Cardiovascular diseases; Cytosolic magnesium; Diabetes; Dietary deficiency; Eclampsia; Fluorescent probes; Hypertension; Ion-selective electrodes; Ionized magnesium; Magnesium; Polyamines **294, 1**
- Isolated ACTH deficiency**; Purine bases; Uric acid; Hypoxanthine; Xanthine; ACTH loading test **294, 185**
- Lactate dehydrogenase**; Acyclovir; HeLa cells; Radiation **294, 129**
- Lathosterol**; Anorexia nervosa; Malnutrition; Refeeding; Lipids; Cholesterol synthesis **294, 45**
- LDL-cholesterol**; Acute porphyria; Lipoproteins; HDL-cholesterol; Hepatic lipase; Statins **294, 37**
- Lipids**; Anorexia nervosa; Malnutrition; Refeeding; Cholesterol synthesis; Lathosterol **294, 45**
- Lipoprotein cholesterol**; Low density lipoprotein cholesterol; High density lipoprotein **294, 77**
- Lipoproteins**; Acute porphyria; LDL-cholesterol; HDL-cholesterol; Hepatic lipase; Statins **294, 37**
- Liver cirrhosis**; Human serum; IGF-I, IGF-II; Radioimmunoassay **294, 169**
- Low density lipoprotein cholesterol**; High density lipoprotein; Lipoprotein cholesterol **294, 77**
- Lp(a)**; Hyperapobetalipoproteinemia; Triglycerides **294, 199**
- Lymph node metastasis**; Distant metastasis; Indication for surgery; Two-year survival rates; Carcinoembryonic antigen **294, 105**
- Magnesium**; Calcium; Cardiovascular diseases; Cytosolic magnesium; Diabetes; Dietary deficiency; Eclampsia; Fluorescent probes; Hypertension; Ion-selective electrodes; Ionized magnesium; Ischemia; Polyamines **294, 1**
- Malnutrition**; Anorexia nervosa; Refeeding; Lipids; Cholesterol synthesis; Lathosterol **294, 45**
- Microalbuminuria**; Albuminuria; Effects of exercise; Proteinuria; Renal failure; Specific gravity; Test variation **294, 139**
- MMP-2**; HCV; HBV; MMP-9 **294, 157**
- MMP-9**; HCV; HBV; MMP-2 **294, 157**
- Myoglobin**; CA III; AMI; Exercise; Trauma **294, 115**
- Osteocalcin**; Bone marker; Bone formation; Vertebral fracture; Hip fracture **294, 67**
- Polyamines**; Calcium; Cardiovascular diseases; Cytosolic magnesium; Diabetes; Dietary deficiency; Eclampsia; Fluorescent probes; Hypertension; Ion-selective electrodes; Ionized magnesium; Ischemia; Magnesium **294, 1**
- Polymerase chain reaction, Genetic polymorphism, HIV**; SDF-1, Allele-specific TaqMan **294, 193**
- Preeclampsia**; Glutathione; Diabetes **294, 179**
- Proteinuria**; Albuminuria; Effects of exercise; Microalbuminuria; Renal failure; Specific gravity; Test variation **294, 139**
- Purine bases**; Uric acid; Hypoxanthine; Xanthine; Isolated ACTH deficiency; ACTH loading test **294, 185**
- Radiation**; Acyclovir; HeLa cells; Lactate dehydrogenase **294, 129**
- Radioimmunoassay**; Human serum; IGF-I, IGF-II; Liver cirrhosis **294, 169**
- Refeeding**; Anorexia nervosa; Malnutrition; Lipids; Cholesterol synthesis; Lathosterol **294, 45**
- Renal failure**; Albuminuria; Effects of exercise; Microalbuminuria; Proteinuria; Specific gravity; Test variation **294, 139**
- sLe<sup>x</sup>**; Inflammation;  $\alpha_1$ -acid glycoprotein; Sugar chain **294, 93**
- SDF-1, Allele-specific TaqMan**; Polymerase chain reaction, Genetic polymorphism, HIV **294, 193**
- Specific gravity**; Albuminuria; Effects of exercise; Microalbuminuria; Proteinuria; Renal failure; Test variation **294, 139**

**Statins;** Acute porphyria; Lipoproteins; LDL-cholesterol; HDL-cholesterol; Hepatic lipase **294, 37**

**Sugar chain;** Inflammation;  $\alpha_1$ -acid glycoprotein; sLe<sup>x</sup> **294, 93**

**Test variation;** Albuminuria; Effects of exercise; Microalbuminuria; Proteinuria; Renal failure; Specific gravity **294, 139**

**Trauma;** CA III; Myoglobin; AMI; Exercise **294, 115**

**Triglycerides;** Hyperapobetalipoproteinemia; Lp(a) **294, 199**

**Two-year survival rates;** Lymph node metastasis; Distant metastasis; Indication for surgery; Carcinoembryonic antigen **294, 105**

**Uric acid;** Purine bases; Hypoxanthine; Xanthine; Isolated ACTH deficiency; ACTH loading test **294, 185**

**Vertebral fracture;** Osteocalcin; Bone marker; Bone formation; Hip fracture **294, 67**

**Xanthine;** Purine bases; Uric acid; Hypoxanthine; Isolated ACTH deficiency; ACTH loading test **294, 185**